

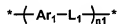
**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

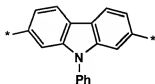
1. **(Previously presented)** An organic electroluminescent element comprising a cathode and an anode having therebetween at least one organic compound layer, wherein one of the organic compound layer comprises a polymer having a repeat unit represented by Formula (1):

Formula (1)

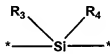


wherein Ar<sub>1</sub> represents an arylen group which may have a substituent or a heteroarylene group having not more than two heteroatoms, which may have a substituent a group represented by Ar-60; and L<sub>1</sub> represents a linkage group selected from Group 1; and n<sub>1</sub> represents an integer of not less than two:

Ar-60



Group 1



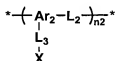
wherein  $R_1 - R_6$  each independently represent an alkyl group or an aryl group, provided that  $R_3$  and  $R_4$ , or  $R_5$  and  $R_6$  may be joined to form a ring.

2. (Cancelled)

3. (Original) An organic electroluminescent element comprising a cathode and an anode having therebetween at least one organic compound layer,

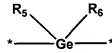
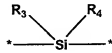
wherein one of the organic compound layer comprises a polymer having one of repeat units represented by Formula (2):

Formula (2)

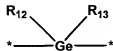
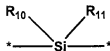
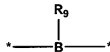
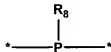
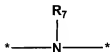
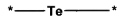


wherein Ar<sub>2</sub> represents an arylene group which may have a substituent or a heteroarylene group having not more than two heteroatoms, which may have a substituent; L<sub>2</sub> represents a linkage group selected from Group 2; and L<sub>3</sub> represents a single bond or a linkage group selected from Group 3; X represents one of a hole transport group, an electron transport group, a fluorescent group and a phosphorescent group; and n<sub>2</sub> represents an integer of not less than two:

Group 2



Group 3

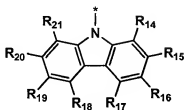


wherein  $R_1 - R_6$  each independently represent an alkyl group or an aryl group, provided that  $R_3$  and  $R_4$ , or  $R_5$  and  $R_6$  may be joined to form a ring, and  $R_7 - R_{13}$  each independently represent an alkyl group or an aryl group, provided that  $R_{10}$  and  $R_{11}$ , or  $R_{12}$  and  $R_{13}$  may be joined to form a ring.

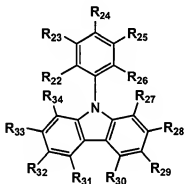
4. **(Original)** The organic electroluminescent element of claim 3, wherein a number of rings of  $Ar_2$  in Formula (2) is not more than 5.

5. **(Original)** The organic electroluminescent element of claim 3, wherein the hole transport group includes a substructure represented by Formula (3) or Formula (4):

Formula (3)



Formula (4)



wherein

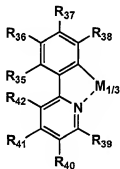
in Formula (3), R<sub>14</sub> - R<sub>21</sub> each independently represent a hydrogen atom, an alkyl group or a cycloalkyl group, provided that adjacent groups of R<sub>14</sub> - R<sub>21</sub> may be joined to form a ring; and  
in Formula (4), R<sub>22</sub> - R<sub>30</sub> each independently represent a hydrogen atom, an alkyl group or a cycloalkyl group, and R<sub>31</sub> - R<sub>34</sub> each independently represent a hydrogen atom, a single bond, an alkyl group or a cycloalkyl group, provided that one of R<sub>31</sub> - R<sub>34</sub>

represents a single bond, and that adjacent groups of  $R_{22}$  -  $R_{34}$  may be joined to form a ring.

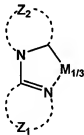
6. **(Original)** The organic electroluminescent element of claim 3, wherein the phosphorescent group comprises an organometal complex.

7. **(Original)** The organic electroluminescent element of claim 6, wherein the organometal complex comprises a substructure represented by one of Formulas (5) to (8):

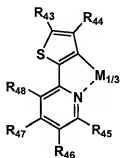
Formula (5)



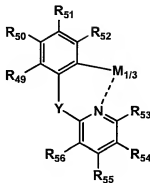
Formula (6)



Formula (7)



Formula (8)



wherein

in Formula (5), R<sub>35</sub> - R<sub>42</sub> each independently represent a hydrogen atom, a single bond or a substituent, provided that adjacent groups of R<sub>35</sub> - R<sub>42</sub> may be joined to form a ring, and M represents a metal atom;

in Formula (6), Z<sub>1</sub> and Z<sub>2</sub> each independently represent a group of atoms necessary to form an aromatic ring together with a carbon atom and a nitrogen atom, and M represents a metal atom;

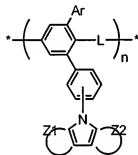
in Formula (7), R<sub>43</sub> - R<sub>48</sub> each independently represent a hydrogen atom, a single bond or a substituent, provided that adjacent groups of R<sub>43</sub> - R<sub>48</sub> may be joined to form a ring, and M represents a metal atom; and

in Formula (8), Y represents a divalent linkage group, R<sub>49</sub> - R<sub>56</sub> each independently represent a hydrogen atom, a single bond or a

substituent, provided that adjacent groups of  $R_{49}$  -  $R_{56}$  may be joined to form a ring, and M represents a metal atom.

8. **(Original)** The organic electroluminescent element of claim 3, wherein one of the repeat units represented by Formula (2) is further represented by Formula (21):

Formula (21)

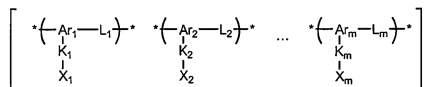


wherein Ar represents an arylene group which may have a substituent or a heteroarylene group which may have a substituent;  $Z_1$  and  $Z_2$  each represent a 6-membered aromatic ring comprising a group of atoms of carbon, hydrogen or nitrogen, provided that  $Z_1$  and  $Z_2$  may be different.



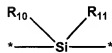
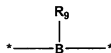
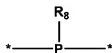
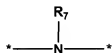
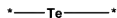
9. **(Original)** An organic electroluminescent element comprising a cathode and an anode having therebetween at least one organic compound layer,  
 wherein one of the organic compound layer comprises a copolymer represented by Formula (22):

Formula (22)



wherein Ar<sub>1</sub> to Ar<sub>m</sub> each represent an arylene group which may have a substituent or a heteroarylene group which may have a substituent; m represents an integer of not less than two; Ar<sub>1</sub> to Ar<sub>m</sub> may be the same or may be different; the heteroarylene group comprises not more than two heteroatoms; K<sub>1</sub> to K<sub>m</sub> each represent a single bond or a linkage group selected from Group 3; and X<sub>1</sub> to X<sub>m</sub> each represent a hole transport group, an electron transport group or a phosphorescent group:

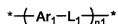
Group 3



wherein  $R_7 - R_{13}$  each independently represent an alkyl group or an aryl group, provided that  $R_{10}$  and  $R_{11}$ , or  $R_{12}$  and  $R_{13}$  may be joined to form a ring.

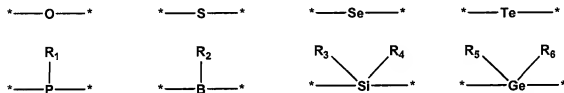
10. **(Previously presented)** An organic electroluminescent element comprising a cathode and an anode having therebetween at least one organic compound layer,  
 wherein one of the organic compound layer comprises a mixture of two or more polymers each represented by Formulas (1), (2), (21) or (22),  
 wherein the mixture comprises at least one polymer represented by Formula (2):

Formula (1)



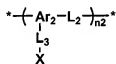
wherein Ar<sub>1</sub> represents an arylene group which may have a substituent or a heteroarylene group having not more than two heteroatoms, which may have a substituent; and L<sub>1</sub> represents a linkage group selected from Group 1; and n<sub>1</sub> represents an integer of not less than two:

Group 1



wherein R<sub>1</sub> - R<sub>6</sub> each independently represent an alkyl group or an aryl group, provided that R<sub>3</sub> and R<sub>4</sub>, or R<sub>5</sub> and R<sub>6</sub> may be joined to form a ring,

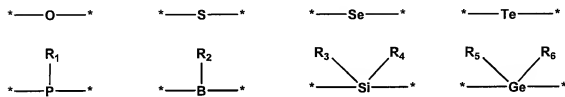
Formula (2)



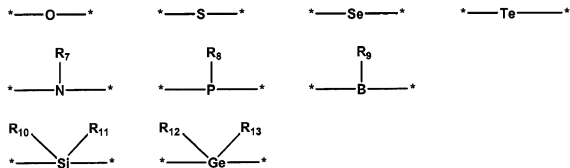
wherein Ar<sub>2</sub> represents an arylene group which may have a substituent or a heteroarylene group having not more than two heteroatoms, which may have a substituent; L<sub>2</sub> represents a linkage group selected from Group 2; and L<sub>3</sub> represents a single bond or a linkage group selected from Group 3; X represents one

of a hole transport group, an electron transport group, a fluorescent group and a phosphorescent group; and  $n_2$  represents an integer of not less than two:

Group 2

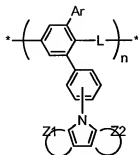


Group 3



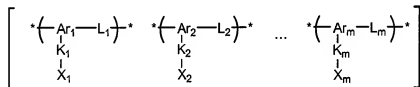
wherein  $R_1 - R_6$  each independently represent an alkyl group or an aryl group, provided that  $R_3$  and  $R_4$ , or  $R_5$  and  $R_6$  may be joined to form a ring, and  $R_7 - R_{13}$  each independently represent an alkyl group or an aryl group, provided that  $R_{10}$  and  $R_{11}$ , or  $R_{12}$  and  $R_{13}$  may be joined to form a ring,

Formula (21)



wherein Ar represents an arylene group which may have a substituent or a heteroarylene group which may have a substituent; Z<sub>1</sub> and Z<sub>2</sub> each represent a 6-membered aromatic ring comprising a group of atoms of carbon, hydrogen or nitrogen, provided that Z<sub>1</sub> and Z<sub>2</sub> may be different., and

Formula (22)



wherein Ar<sub>1</sub> to Ar<sub>m</sub> each represent an arylene group which may have a substituent or a heteroarylene group which may have a substituent; m represents an integer of not less than two; Ar<sub>1</sub> to Ar<sub>m</sub> may be the same or may be different; the heteroarylene group comprises not more than two heteroatoms; K<sub>1</sub> to K<sub>m</sub> each represent

a single bond or a linkage group selected from above Group 3; and  $X_1$  to  $X_m$  each represent a hole transport group, an electron transport group or a phosphorescent group.

11. **(Original)** The organic electroluminescent element of claim 1, wherein the organic electroluminescent element emits white light.

12. **(Original)** A display equipped with the organic electroluminescent element of claim 1.

13. **(Original)** An illuminator equipped with the organic electroluminescent element of claim 1.

14. **(Original)** A display equipped with the illuminator of claim 13 and a liquid crystal cell as a display means.

15. **(Original)** The organic electroluminescent element of claim 3, wherein the organic electroluminescent element emits white light.

16. **(Original)** A display equipped with the organic electroluminescent element of claim 3.

17. **(Original)** An illuminator equipped with the organic electroluminescent element of claim 3.

18. **(Original)** A display equipped with the illuminator of claim 17 and a liquid crystal cell as a display means.

19. **(Original)** The organic electroluminescent element of claim 9, wherein the organic electroluminescent element emits white light.

20. **(Original)** A display equipped with the organic electroluminescent element of claim 9.

21. **(Original)** An illuminator equipped with the organic electroluminescent element of claim 9.

22. **(Original)** A display equipped with the illuminator of claim 21 and a liquid crystal cell as a display means.

23. **(Original)** The organic electroluminescent element of claim 10, wherein the organic electroluminescent element emits white light.

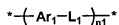
24. **(Original)** A display equipped with the organic electroluminescent element of claim 10.

25. **(Original)** An illuminator equipped with the organic electroluminescent element of claim 10.

26. **(Original)** A display equipped with the illuminator of claim 25 and a liquid crystal cell as a display means.

27. **(Previously presented)** An organic electroluminescent element comprising a cathode and an anode having therebetween at least one organic compound layer, wherein one of the organic compound layer comprises a polymer having a repeat unit represented by Formula (1):

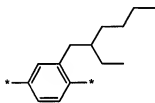
Formula (1)



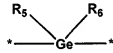
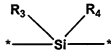


wherein Ar<sub>1</sub> represents a group represented by Ar-63; and L<sub>1</sub> represents a linkage group selected from Group 1; and n<sub>1</sub> represents an integer of not less than two:

Ar-63

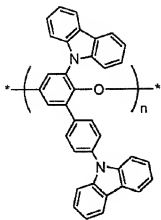


Group 1

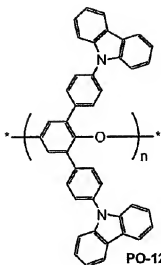


wherein R<sub>1</sub> - R<sub>6</sub> each independently represent an alkyl group or an aryl group, provided that R<sub>3</sub> and R<sub>4</sub>, or R<sub>5</sub> and R<sub>6</sub> may be joined to form a ring.

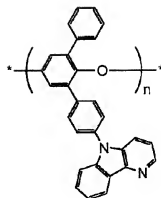
28. **(New)** The organic electroluminescent element of claim 3, wherein the polymer comprises a repeating unit selected from the group consisting of PO-11, PO-12 and P-13:



PO-11



PO-12



PO-13

29. **(New)** The organic electroluminescent element of claim 28, wherein the repeating unit is PO-11.

30. **(New)** The organic electroluminescent element of claim 28, wherein the repeating unit is PO-12.

31. **(New)** The organic electroluminescent element of claim 28, wherein the repeating unit is PO-13.